## SEQUENCE LISTING

<110>	Sanjay Bhanot	
	Kenneth W. Dobie	
<120>	MODULATION OF DIACYLGLYCEROL ACYLTRANSFERASE 2 EXPRESSION	
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ccggga	acccc tgtgctctgc gcgaagccc	t ggccccgggg	gccggggcat gggccagggg	g 180
cgcggg	ggtga ageggettee egeggggee	g tgactgggcg	ggcttcagcc atg aag Met Lys 1	236
	tc ata gcc gcc tac tcc ggg eu Ile Ala Ala Tyr Ser Gly			284

gag get gac egg age eag ege tet eac gga gga eet geg etg teg ege

RTS	-06	78បន	3					-	3-							PATENT
Glu	Ala 20	Asp	Arg	Ser	Gln	Arg 25	Ser	His	Gly	Gly	Pro 30	Ala	Leu	Ser	Arg	
					tgg Trp 40					_				_		380
cag	_			Ser	gtc Val				Asn	agg		_	-	Glu	aag	428
		-	_		tca Ser			_		_	_				•	476
cta	gga	ata	70 acc	tac	agt	acc	atc	75 ctc	ato	tac	ata	ttc	80	act	gat	524
_			_	-	Ser	_			_				_		•	
				-	gtg Val									_		572
					ggt Gly 120					_		-	_			620
					ttt Phe											668
					acc Thr											716
_					ctg Leu		_		_			_			_	764

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Thr Glu Val Ser Lys Lys Phe Pro Gly Ile Arg Pro Tyr Leu Ala Thr	
180 185 190	
ctg gca ggc aac ttc cga atg cct gtg ttg agg gag tac ctg atg tct	860
Leu Ala Gly Asn Phe Arg Met Pro Val Leu Arg Glu Tyr Leu Met Ser	
195 200 205 210	
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Gly Gly Ile Cys Pro Val Ser Arg Asp Thr Ile Asp Tyr Leu Leu Ser	
215 220 225	
aag aat ggg agt ggc aat gct atc atc gtg gtc ggg ggt gcg gct	956
Lys Asn Gly Ser Gly Asn Ala Ile Ile Ile Val Val Gly Gly Ala Ala	
230 235 240	
and tot otal and too ata out and and ant and ata and ata	1004
gag tot otg ago too atg cot ggc aag aat gca gtc acc otg ogg aac Glu Ser Leu Ser Ser Met Pro Gly Lys Asn Ala Val Thr Leu Arg Asn	1004
245 250 255	
cgc aag ggc ttt gtg aaa ctg gcc ctg cgt cat gga gct gac ctg gtt	1052
Arg Lys Gly Phe Val Lys Leu Ala Leu Arg His Gly Ala Asp Leu Val	
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ccc atc tac tcc ttt gga gag aat gaa gtg tac aag cag gtg atc ttc	1100
Pro Ile Tyr Ser Phe Gly Glu Asn Glu Val Tyr Lys Gln Val Ile Phe 275 280 285 290	
275 260 265 270	
gag gag ggc tcc tgg ggc cga tgg gtc cag aag aag ttc cag aaa tac	1148
Glu Glu Gly Ser Trp Gly Arg Trp Val Gln Lys Lys Phe Gln Lys Tyr	
295 300 305	
att ggt ttc gcc cca tgc atc ttc cat ggt cga ggc ctc ttc tcc tcc	1196
Ile Gly Phe Ala Pro Cys Ile Phe His Gly Arg Gly Leu Phe Ser Ser	
310 315 320	
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Asp Thr Trp Gly Leu Val Pro Tyr Ser Lys Pro Ile Thr Thr Val Val	144

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Ile	Asp	Leu	Tvr	His	Thr	Met	Tvr	Met	Glu	Ala	Leu	Val	Lvs	Leu	Phe	
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gac	aag	cac	aag	acc	aaq	ttc	aac	ctc	cca	gag	act	gag	atc	ctg	gag	1388
					_				_				_	Leu		1300
Asp	пуъ	1112	пуъ		цур	rne	GIY	пеп		GIU	1111	GIU	vaı		GIU	
				375					380					385		
gtg	aac	tga	gcca	agcct	itc 9	gggg	ccaac	et co	cctg	gagga	a aco	cagct	gca	aato	cactttt	1447
Val	Asn															
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aatt	ttg	cta a	aacca	attac	ca a	tgtta	aggto	: ttt	ttta	aaga	agga	aaaa	agt	cagta	atttca	1567
agtt	cttt	ca (	cttcc	caget	it q	ccct	attet	ago	ataat	aac	taaa	atcto	aaa	cctaa	atctgg	1627
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atac	rctca	arc i	taacc	rtata	7+ +/	atta	ratta	cto	raact	- aac	2220		act	cact	cttctt	1687
9095	,000	ige .	caacc		, ,				gaagt	-gac	aaaş	gaac	100	cage		1007
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tgco	cacco	ect a	accto	cacco	ed ta	agtca	actca	ı tat	cgga	agcc	tgga	actgo	acc	tcca	ggatga	1987
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ggat	aaaa	rat (	nacaa	taa	ra c	acta	יפתתר	r maa	anna	acta	ccc	rccat	~ aa	accat	ttgcag	2047
9941	-223	) y C !	ggcac	, cya(	Ju Ci	cccg	, aggg	, yac	augge	.ccg		Julai	yc	accai	ccycay	2041
								•			<b>.</b>					04.05
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RTS-0678US	-7-	PATENT
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RTS-0678US	-8-	PATENT

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agccctggcc ccggcggccg gggcatgggt caggggcgcg gcgtgaggcg gctttctgca 180

cggccgtgac gtgcattggc ttcagc atg aag acc ctc atc gcc gcc tac tcc 233

1

Met Lys Thr Leu Ile Ala Ala Tyr Ser

ggg gtc ctg cgg ggt gag cgt cgg gcg gaa gct gcc cgc agc gaa aac 281
Gly Val Leu Arg Gly Glu Arg Arg Ala Glu Ala Ala Arg Ser Glu Asn
10 20 25

aag aat aaa gga tot gcc ctg toa cgc gag ggg tot ggg cga tgg ggc 329

RTS	-06	78បន	5					_	9-							PATENT
Lys	Asn	Lys	Gly	Ser 30	Ala	Leu	Ser	Arg	Glu 35	Gly	Ser	Gly	Arg	Trp	Gly	
		tcc Ser	_				_			_				_		377
tgg	ctc	aac	45 aga	tct	aag	gtg	gaa	50 aaa	cag	ctg	cag	gtc	55 atc	tca	gta	425
Trp	Leu	Asn 60	Arg	Ser	Lys	Val	Glu 65	Lys	Gln	Leu	Gln	Val 70	Ile	Ser	Val	
		tgg Trp	_				_					_	-	_	•	473
	ctc	atg Met				tgc		_	_		ctg		_			521
90					95					100					105	
	_	acc Thr		_		_	_					-				569
		tcg Ser	Gln					Trp	_			_	Tyr			617
_		ttt Phe			_	_		_				_	_			665
		140					145					150				
		tat Tyr								-		•				713

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Ala Phe Cys Asn Phe Ser Thr Glu Ala Thr Glu Val Ser Lys Lys Phe

RTS-067	8US				-1	LO-							PATENT
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Pro Gly	Ile Arg	Pro Ty	r Leu	Ala	Thr	Leu	Ala	Gly	Asn	Phe	Arg	Met	
		190				195					200		
cct gtg	ctt cgc	gag ta	c ctg	atg	tct	gga	ggc	atc	tgc	cct	gtc	aac	857
Pro Val 1	Leu Arg	Glu Ty	r Leu	Met	Ser	Gly	Gly	Ile	Cys	Pro	Val	Asn	
	205				210					215			
cga gac			_			-			_			-	905
Arg Asp '	7nr 11e 220	ASP TY	r Leu	225	ser	гуѕ	ASN	GTĀ	230	GTA	ASN	Ата	
•	220			223					230				
atc atc a	atc gtg	gtg gg	a ggt	gca	act	gag	tcc	ctq	agc	tcc	atq	cct	953
Ile Ile :				_	_			_	_		_		
235			240					245					
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Gly Lys A	Asn Ala	Val Th	r Leu	Lys	Asn	Arg	Lys	Gly	Phe	Val	Lys	Leu	
250		25	5				260					265	
gcc ctg	_		_	_	_								1049
Ala Leu A	Arg Hıs	_	a Asp	Leu	Val		Thr	Tyr	Ser	Phe	_	Glu	
		270				275					280		
aat gag g	gta tac	aag ca	a ata	atc	ttt	gag	gag	aat.	taa	t.aa	aac	cga	1097
Asn Glu	_	_										_	
	285	_			290			_		295	_		
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Trp Val	Gln Lys	Lys Ph	e Gln	Lys	Tyr	Ile	Gly	Phe	Ala	Pro	Cys	Ile	
:	300			305					310				
ttc cat						_			-	Ū			1193
Phe His (	Gly Arg	Gly Le		Ser	Ser	Asp	Thr		Gly	Leu	Val	Pro	
315			320					325					
tac tcc a	aag ccc	atc ac	c acc	atc	ata	gaa	gag	פפפ	atc	act	atc	aaa	1241
Tyr Ser													~~ **
330	•	33		_		.7	340	_				345	

aag ctg gag	g cac ccg a	cc cag aaa	gac atc gac	ctg tac cat gcc atg	1289
Lys Leu Glu	ı His Pro T	hr Gln Lys	Asp Ile Asp	Leu Tyr His Ala Met	
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tac atg gag	g gcc ctg g	tg aag ctc	ttt gac aat	cac aag acc aaa ttt	1337
Tyr Met Glu	ı Ala Leu V	al Lys Leu	Phe Asp Asn	His Lys Thr Lys Phe	
	365	:	370	375	
ggc ctt cca	a gag act g	ag gtg ctg	gag gtg aac	tga cccagccctc	1383
Gly Leu Pro	Glu Thr G	lu Val Leu (	Glu Val Asn		
380	)	385			
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RTS-0678US	-13-	PATENT
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